Application No. Applicant(s) Index of Claims SGROI ET AL. 10/647,505 Examiner 3749 Alfred Basichas

| √ | Rejected |
|----------|----------|
| = | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| Ν | Non-Elected |
|---|--------------|
| - | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | | | | | | | | , | | | | | | _ | | | | ' | | _ |
|-------------|----------|---------|--------------|--|--------------|----------|----------|----------|-------------------|--|---|--------------|-----------|----------------|----------|--|-----------------|----------|--------------|---|
| Cla | im | | | | [| Date | | | _ | | [| Cla | im | | _ | | (| Date | | _ |
| Final | Original | 2/18/05 | | | | | | | | | | Final | Original | 2/18/05 | | | | | | |
| | 1 | 1 | | | | | | | | | İ | | 51 | 1 | | | | | | r |
| | 2 | Т | | | | | | | | | | - | 52 | | | | | | | Γ |
| | 3 | ı | | | | | | | | | | | 53 | - | | | | | | Γ |
| | 4 | 1 | | | | | | | | | | | 54 | _ | | | | | | |
| | 5 | 1 | | | | | | | | | | | 55 | _ | | | | | | L |
| | 6 | 1 | | | | | | | | | | | 56_ | L | | $ldsymbol{ld}}}}}}$ | _ | | L | L |
| | 7 | 1 | Ш | Ш | L | | | | | | } | | 57 | L | | | | _ | L | L |
| ļ | 8 | 1 | Ш | | | | _ | | _ | | | | 58 | 1 | <u> </u> | _ | | _ | ┡ | Ļ |
| <u> </u> | 9 | 1 | | _ | | | | | | lacksquare | | | 59 | 1 | <u> </u> | | - | _ | _ | Ļ |
| <u> </u> | 10 | L. | _ | _ | | | | | | \vdash | | | 60 | 1 | <u> </u> | _ | <u> </u> | | | ŀ |
| - | 11 | Ļ. | | - | L | _ | H | | | _ | | | 61 62 | + | ⊢ | <u> </u> | ⊢ | | | ╀ |
| <u> </u> | 12 | 1 | H | | ⊢ | - | | - | - | ├─ | | | 63 | | ├ | \vdash | - | | \vdash | H |
| - | 14 | | | ⊢ | \vdash | - | \vdash | - | \vdash | - | | | 64 | + | - | - | - | \vdash | \vdash | t |
| | 15 | ╁ | _ | \vdash | | - | \vdash | - | \vdash | | | | 65 | ÷ | - | \vdash | \vdash | | \vdash | t |
| <u> </u> | 16 | Ħ | | _ | | | ┝ | - | \vdash | Н | Н | | 66 | Ħ | | \vdash | \vdash | \vdash | ╁ | t |
| - | 17 | Ι÷ | - | - | <u> </u> | - | - | - | \vdash | \vdash | | | 67 | ΙĖ | - | \vdash | ┢ | \vdash | ├ | t |
| — | 18 | H | | | \vdash | ┢ | ┢ | - | - | - | | | 68 | Ħ | ┢ | | \vdash | \vdash | ┢ | t |
| - | 19 | i | \vdash | _ | Н | | - | - | - | - | 1 | | 69 | Ħ | ┢ | Г | H | \vdash | \vdash | t |
| | 20 | i | Н | - | ┢ | | <u> </u> | _ | \vdash | | | | 70 | T | Н | | | \vdash | Ι | t |
| | 21 | i | | \vdash | H | | | \vdash | _ | _ | 1 | | 71 | T | | t | | ┪ | \vdash | t |
| | 22 | T | | | | | Н | | | | 1 | _ | 72 | T | | | | | Γ | t |
| | 23 | T | f | Г | | | | İ | | | i | | 73 | T | | Π | | | | T |
| | 24 | T | | | | | | | | | | | 74 | I | | | | | | Ι |
| | 25 | 1 | | | | | | | | | | | 75 | 1 | | | | | | I |
| | 26 | 1 | | | | | | | | L | ! | | 76 | | | <u>L</u> | L | <u></u> | <u> </u> | ļ |
| | 27 | 1 | <u> </u> | | L | L | L | | _ | L | | | 77 | | _ | _ | L | <u> </u> | 上 | 1 |
| <u></u> | 28 | 1 | ļ | | ┖ | | L | _ | <u> </u> | L | | | 78 | <u> </u> | <u> </u> | <u> </u> | L | <u> </u> | 辶 | 1 |
| | 29 | 凵 | <u> </u> | | <u> </u> | <u> </u> | <u> </u> | _ | <u> </u> | ┞ | ł | <u> </u> | 79 | ┡ | <u> </u> | <u> </u> | ┡ | _ | ↓_ | ļ |
| <u> </u> | 30 | 1 | | | - | _ | <u> </u> | <u> </u> | _ | <u> </u> | 1 | <u> </u> | 80 | <u> </u> | ┡ | <u> </u> | ┡ | ⊢ | 1_ | 4 |
| - | 31 | 1! | ┡ | _ | ļ., | <u> </u> | ├- | <u> </u> | <u> </u> | ⊢ | 1 | | 81 | - | ┢ | ┢ | ╌ | ┢ | | ╀ |
| | 32 | | ┝ | ⊢ | - | | ├- | ⊢ | ⊢ | ┡ | 1 | | 82 83 | — | ├ | ⊢ | ├ | ┼ | ╁ | ╀ |
| - | 33 | + | ⊢ | | ┢ | - | ┢ | ┢ | | ├ | 1 | | 84 | - | ⊢ | | +- | ┼ | ╁ | t |
| | 35 | + | ├- | \vdash | ┢ | ├ | ┢ | ├ | | ├ | 1 | | 85 | - | ┢╌ | - | ╁ | ╁ | ╁ | t |
| | 36 | Ι÷ | \vdash | ┢ | ┢╌ | | ╁╴ | - | ├ | ├ | 1 | | 86 | | - | - | \vdash | ┼- | \vdash | t |
| | 37 | ΙŤ | \vdash | ╁ | ╁╌ | \vdash | \vdash | t^- | | \vdash | 1 | - | 87 | ╁╌ | ┼ | + | \vdash | ╁╌ | H | t |
| | 38 | H | ⇈ | | \vdash | \vdash | \vdash | \vdash | T | | 1 | | 88 | t | T | t | T | T | \vdash | t |
| | 39 | i | T | | t | H | \vdash | ⇈ | T | \vdash | 1 | | 89 | t | T | T | t | T | † | t |
| | 40 | Ť | T | Π | 1 | Т | T | \vdash | Г | \vdash | 1 | | 90 | 1 | 1 | T | | \top | T | 1 |
| | 41 | T | I^{T} | П | Т | | Π | Π | Γ | | 1 | | 91 | Т | | Π | | | | T |
| | 42 | ī | L | | L | | L | | | |] | | 92 | | | | | | \Box | I |
| | 43 | 1 | | | | | | | | |] | | 93 | | | | | | | I |
| | 44 | 1 | 匚 | \Box | 匚 | | | | Ĺ | | 1 | | 94 | | | | <u> </u> | | \perp | 1 |
| <u></u> | 45 | 11 | ــــ | L | | <u>L</u> | L | <u> </u> | _ | L | 1 | <u> </u> | 95 | 1 | _ | <u> </u> | $oxed{igspace}$ | ↓_ | ـــ | 1 |
| | 46 | 11 | <u> </u> | ┞ | ┞ | _ | ╙ | ┞ | $ldsymbol{f eta}$ | ┡ | 1 | <u> </u> | 96 | ╀ | _ | ↓_ | ├- | ↓_ | ↓ | 4 |
| _ | 47 | 1 ! | ╀- | ├- | ↓_ | - | ↓_ | ├- | | L | - | | 97 | \vdash | ╄ | 1 | | | \vdash | 4 |
| - | 48 | 1 | ╂— | ⊢ | + | - | - | ₩ | \vdash | ╂ | ł | <u> </u> | 98 | \vdash | ╀- | \vdash | ╀ | ╀ | +- | + |
| - | 49 50 | 1 | +- | ⊢ | ╁ | ┼ | ├- | ┼ | - | ╁ | - | | 99 100 | ╀ | 1- | +- | + | ╁ | ╀ | + |
| | 1 20 | LV | <u></u> | | <u>_</u> | | Ц. | Щ | Ц. | Ц. | J | | 1100 | 1 | <u></u> | 1 | <u></u> | 1 | 1_ | 1 |

| Cla | im | | | | | ate | | | - | |
|----------|----------|--|----------|----------|----------|--|--------------|--|--|----------|
| | | | | | ΠĪ | | | | | |
| Final | Original | 2/18/05 | | | | | | | | |
| | 51 | 1 | | | | | \neg | | \neg | _ |
| - | 52 | $\dot{\exists}$ | | | | - | - | - | \dashv | |
| - | 52 | _ | | _ | - | \dashv | - | - | | |
| <u> </u> | 53 | _ | | | | - | \dashv | - | _ | |
| | 54 | | | | | | | _ | _ | |
| | 54 55 | 1 | | | | | | | | |
| | 56 | 1 | | | | | | | | |
| | 57 | _ | | | | | | | | |
| | 58 | 1 | | | | | | | | |
| | 59 | Τ | _ | _ | | | | | | |
| | 60 | ı | \vdash | | | \Box | | | | |
| | 61 | Ī | \vdash | \vdash | \vdash | | | | _ | |
| - | 62 | i | \vdash | \vdash | \vdash | - | - | | | - |
| - | 63 | 1 | - | \vdash | - | \vdash | \dashv | \vdash | | |
| <u> </u> | | <u> </u> | | - | - | \vdash | - | Н | _ | |
| - | 64 | _ | <u> </u> | \vdash | \vdash | \vdash | \vdash | | | - |
| \vdash | 65 | | <u> </u> | <u> </u> | ╙ | | | | _ | |
| L | 66 | 1 | | L | | | | | | |
| 1 | 67 | _ | | | | | | | | |
| | 68 | Τ. | | | | | | | | |
| | 69 | T | | Г | | | | | | |
| | 70 | Т | | | | Г | | | | |
| | 71 | ī | | | | _ | | | | |
| | 72 | T | Т | | Г | | _ | _ | | |
| | 73 | T | H | | _ | | _ | | Н | \vdash |
| - | 73 74 | Η̈́ | \vdash | \vdash | ┢ | - | _ | | \vdash | \vdash |
| | 75 | ∀ | | | - | <u> </u> | | _ | ┢ | |
| - | 76 | H | - | ╌ | ╁ | | | \vdash | ┝ | - |
| | 76 77 | \vdash | \vdash | ╁ | ╆ | ├─ | - | \vdash | \vdash | ┝ |
| | 78 | ⊢ | - | ╁ | ┢ | ├ | - | ┢┈ | ├ | \vdash |
| | 70 | ┝ | | ├ | ├ | \vdash | ⊢ | ⊢ | ⊢ | - |
| - | 79 | <u> </u> | - | ⊢ | ⊢ | L | | ⊢ | - | - |
| <u> </u> | 80 | _ | _ | <u> </u> | ┡ | <u> </u> | <u> </u> | | <u> </u> | _ |
| <u></u> | 81 82 | | _ | _ | _ | _ | | _ | _ | _ |
| | 82 | | | L | _ | | _ | _ | L | _ |
| | 83 | | L | L | | _ | | | | |
| | 84 | | L | L | L^{-} | Ĺ | | | | L |
| | 85 | | | | | | | | | |
| | 86 | | | | | | | | | |
| | 87 | | | | Γ | | | Γ | | |
| | 87 88 | Г | | П | Ī | | | Г | Π | Г |
| | 89 | Г | Г | T | 1 | | T | Г | | Г |
| | 90 | | 1 | t | t^- | | \vdash | \vdash | T | T |
| - | 91 | \vdash | \vdash | T | \vdash | Н | \vdash | \vdash | \vdash | \vdash |
| - | 92 | \vdash | ┰ | \vdash | + | ╁ | - | | - | ╁ |
| \vdash | 93 | \vdash | \vdash | \vdash | \vdash | ├ | | - | | \vdash |
| - | 94 | ⊢ | ┼ | \vdash | H | \vdash | \vdash | \vdash | \vdash | \vdash |
| - | | \vdash | \vdash | \vdash | +- | \vdash | - | | - | - |
| | 95 | - | ├- | ┼ | ⊢ | ├- | - | | \vdash | - |
| _ | 96 | | ⊢ | - | - | | <u> </u> | ! | - | ├- |
| | 97 | <u> </u> | ┞ | 1_ | ـــ | <u> </u> | \vdash | <u> </u> | _ | <u> </u> |
| | 98 | | ļ., | _ | _ | _ | <u> </u> | _ | _ | _ |
| | 99 | _ | L. | ↓_ | <u> </u> | _ | | L | _ | <u> </u> |
| | 100 | 1 | 1 | 1 | 1 | | i | 1 | l i | 1 |

| | | ш | | | | | | | | | | | |
|--------------|---|--|----------|--------------|----------|--------------|----------|--|--|----------|--|--|--|
| Cla | aim | Date | | | | | | | | | | | |
| Final | Original | | | | | | | | | | | | |
| | 101 | | | | | | \vdash | | | | | | |
| | 102 103 | | | | | | | | | | | | |
| | 103 | | | | | | | | | | | | |
| | 104 | | | <u> </u> | | | | | | _ | | | |
| | 105 106 | | | | | _ | _ | | | Н | | | |
| | 106 | | <u> </u> | _ | | - | | | | | | | |
| | 107 | \vdash | _ | - | _ | | \vdash | \vdash | \vdash | \dashv | | | |
| | 109 | | _ | - | | _ | ┢ | _ | | Н | | | |
| | 110 | ┢ | _ | \vdash | _ | _ | ╁ | _ | | Н | | | |
| | 111 | Г | Г | \vdash | | | Г | | | П | | | |
| | 112 | | | | | | | | | | | | |
| | 113 | | | | | | | | | | | | |
| | 113 114 115 | | | | <u> </u> | L | | _ | <u> </u> | Ш | | | |
| | 115 | | _ | _ | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | Ш | | | |
| | 116 117 118 119 | - | _ | <u> </u> | <u> </u> | _ | - | ┞ | \vdash | | | | |
| | 117 | ├- | <u> </u> | - | - | ┡ | - | ⊢ | - | | | | |
| | 110 | ├ | - | | - | | ┢ | ┝ | - | Н | | | |
| | 120 | \vdash | ┢ | ╁ | _ | - | 一 | - | \vdash | Н | | | |
| | 121 | - | \vdash | T | | - | \vdash | | | Н | | | |
| | 120 121 122 123 | | T | | Г | | ┢ | | | П | | | |
| | 123 | | | | | | | | | | | | |
| | 124 | | | | | | | | | | | | |
| | 125 | <u> </u> | _ | | | | _ | | L | Ш | | | |
| | 124 125 126 127 128 129 130 | ļ | _ | _ | _ | _ | <u> </u> | <u> </u> | <u> </u> | Ш | | | |
| | 127 | ₩ | _ | ├- | ⊢ | - | - | - | <u> </u> | H | | | |
| | 128 | | \vdash | - | - | - | - | ⊢ | | \vdash | | | |
| | 130 | \vdash | ┝ | \vdash | \vdash | ┝ | \vdash | ├ | ┢ | Н | | | |
| | 131 | ┢ | - | \vdash | | H | +- | ╁ | \vdash | Н | | | |
| | 132 | \vdash | ┢ | T | | H | \vdash | | ┢ | П | | | |
| | 132 133 | Г | l | ı | | | | | | | | | |
| | 134 | | | | | | | | | | | | |
| | 135 136 | L | | <u> </u> | | ļ _ | L | L | <u> </u> | Щ | | | |
| <u> </u> | 136 | <u> </u> | L | <u> </u> | <u> </u> | <u> </u> | ┺ | <u> </u> | ļ | H | | | |
| | 137 | ├ | - | ╀- | <u> </u> | ├- | ╁ | ⊢ | ⊢ | Н | | | |
| <u> </u> | 138 139 | ⊢ | ⊢ | ╁ | ├ | - | ╁ | ├ | ├ | \vdash | | | |
| | 140 | ╌ | ┢ | ╁ | \vdash | ┢ | ╁ | | - | \vdash | | | |
| | 141 | ╁ | \vdash | t | t^- | ╁ | 一 | 1 | \vdash | Н | | | |
| | 142 | \vdash | 1 | \vdash | \vdash | Т | - | - | | П | | | |
| | 143 | | | \Box | | | | | | | | | |
| | 144 | | | | | | | | 匚 | | | | |
| | 145 | | L | \perp | L | | _ | \perp | L | Ш | | | |
| | 146 | ┞ | 1 | ↓_ | <u> </u> | | ـ | \vdash | _ | \sqcup | | | |
| | 147 | - | - | ┼- | - | ┞ | \vdash | ╀ | ├- | Н | | | |
| | 148 149 | ╁ | \vdash | \vdash | \vdash | \vdash | \vdash | ╀ | \vdash | \vdash | | | |
| | 150 | + | \vdash | ╁ | H | ╁ | ╁ | ╁ | \vdash | \vdash | | | |
| Щ. | 1130 | 1 | _ | | | Ц. | | _ | 1_ | ш | | | |